



Damaging Wind Storm Today!

December 15, 2021
3:24 AM

Damaging High Winds. Wind Gusts Greater than 65 MPH for a 1-3 Hour Period Midday Through Afternoon.

Key Messages

- Strong southwest winds developing during the early morning 25 to 35 mph.
- By late morning, the main surge of high wind will develop across far southwest Kansas.
- The main surge of high wind will overspread western Kansas very rapidly midday through the afternoon, resulting in widespread wind gusts of **65 to 75 mph! An isolated, brief 80 mph wind gust event is possible within the "Extreme" wind risk region, which would greatly increase damage potential!**
- Most damaging gusts confined to a 1-2 hour period. Wind storm waning rapidly by late afternoon.

Important Updates

- Confidence has increased in this event today. There is increased concern for wind damage across the region.

Next Scheduled Briefing

- Unless there are major last-minute changes, this will likely be the final briefing concerning this event, as it will begin to unfold later this morning.

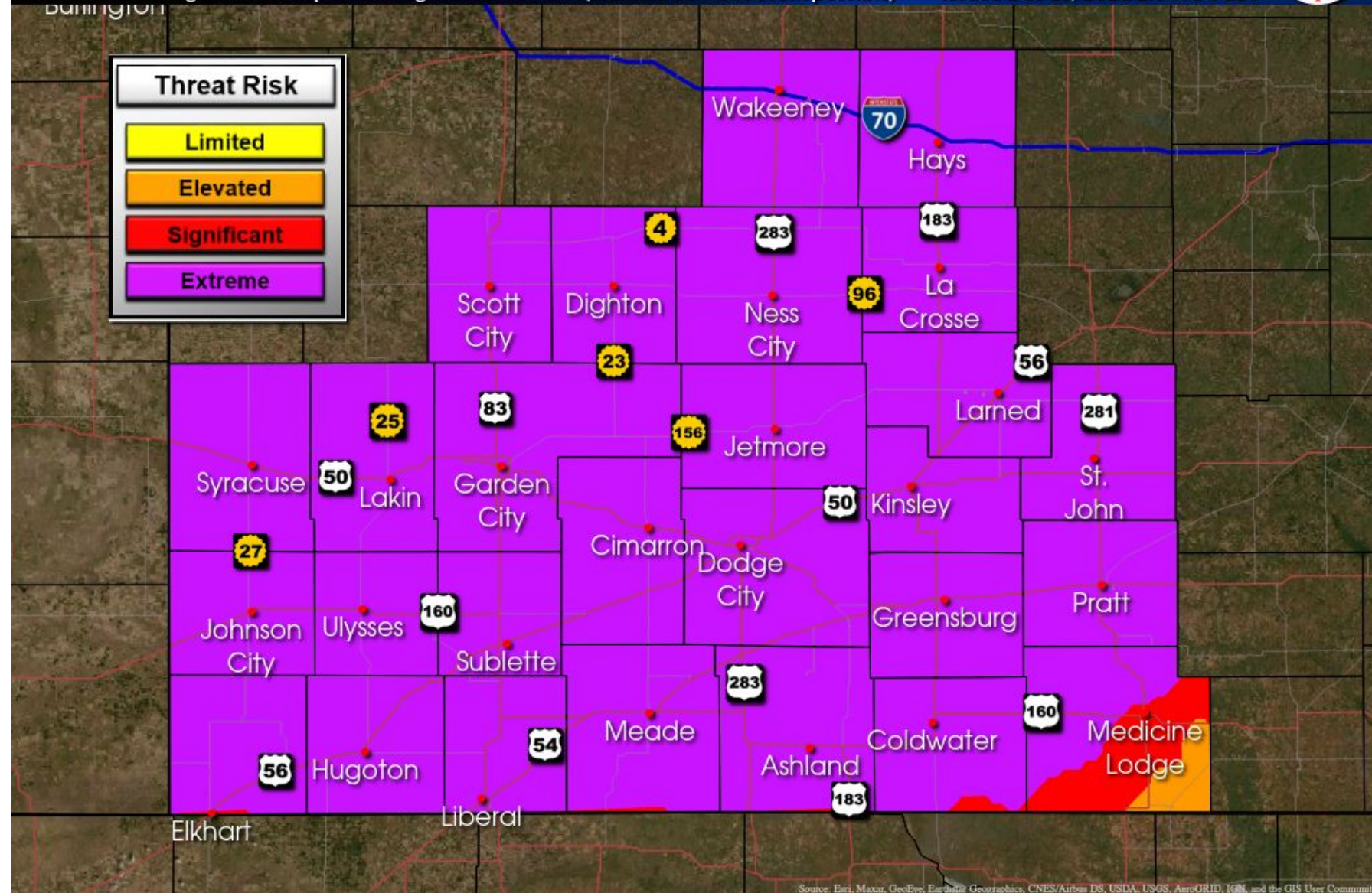
Non-Thunderstorm Wind Risk for TODAY

Weather Forecast Office
Dodge City, KS



"Extreme" Risk region forecast peak wind gusts 65-75 MPH (isolated 80 MPH event possible)

Issued Dec 15, 2021 2:04 AM CST



f t y NWSDodgecity

weather.gov/ddc



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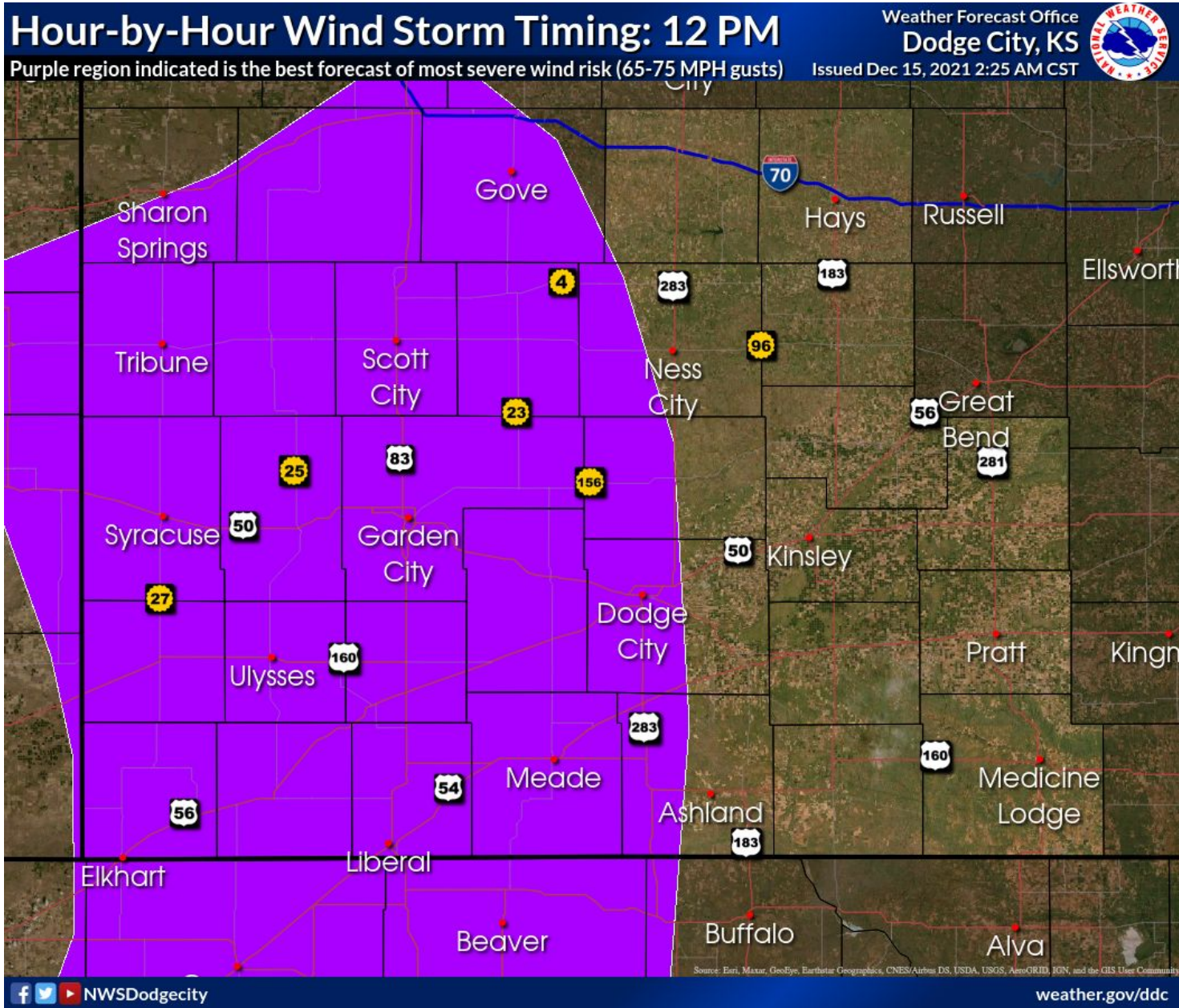
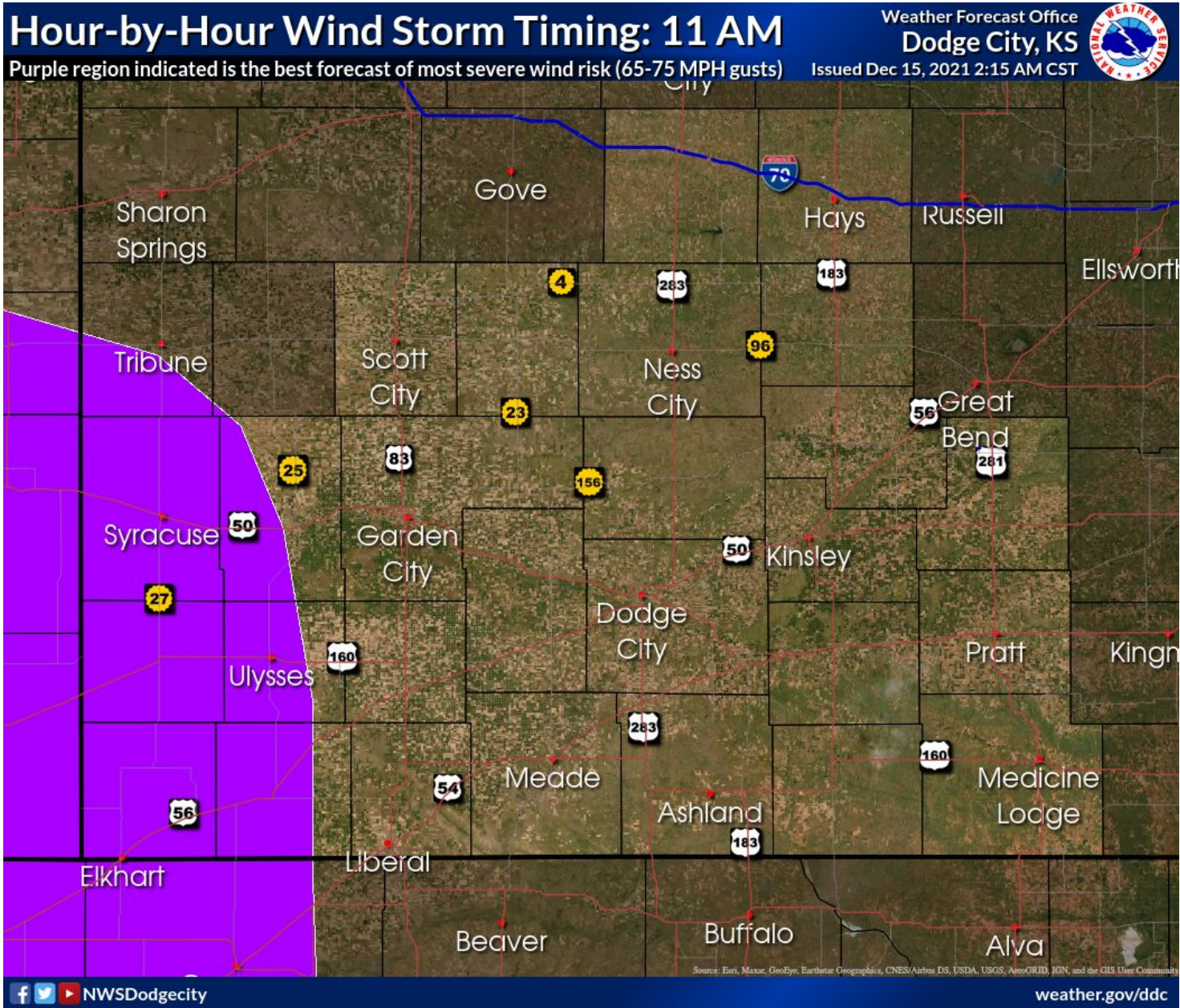
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Dodge City, Kansas



Timing of Greatest Damaging Wind Risk

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Midday (onset of the event)... 11 AM and 12 PM hour (CST)



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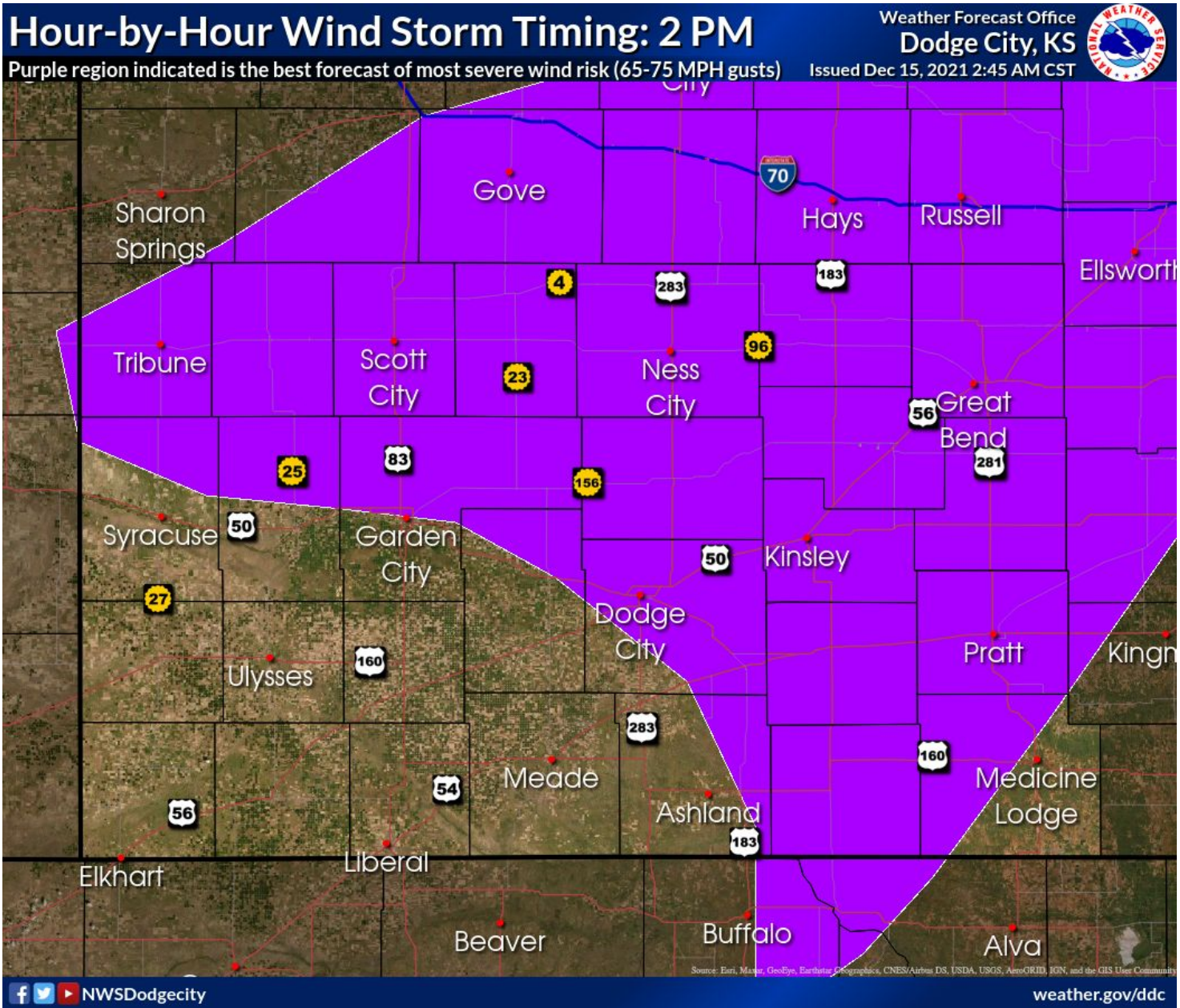
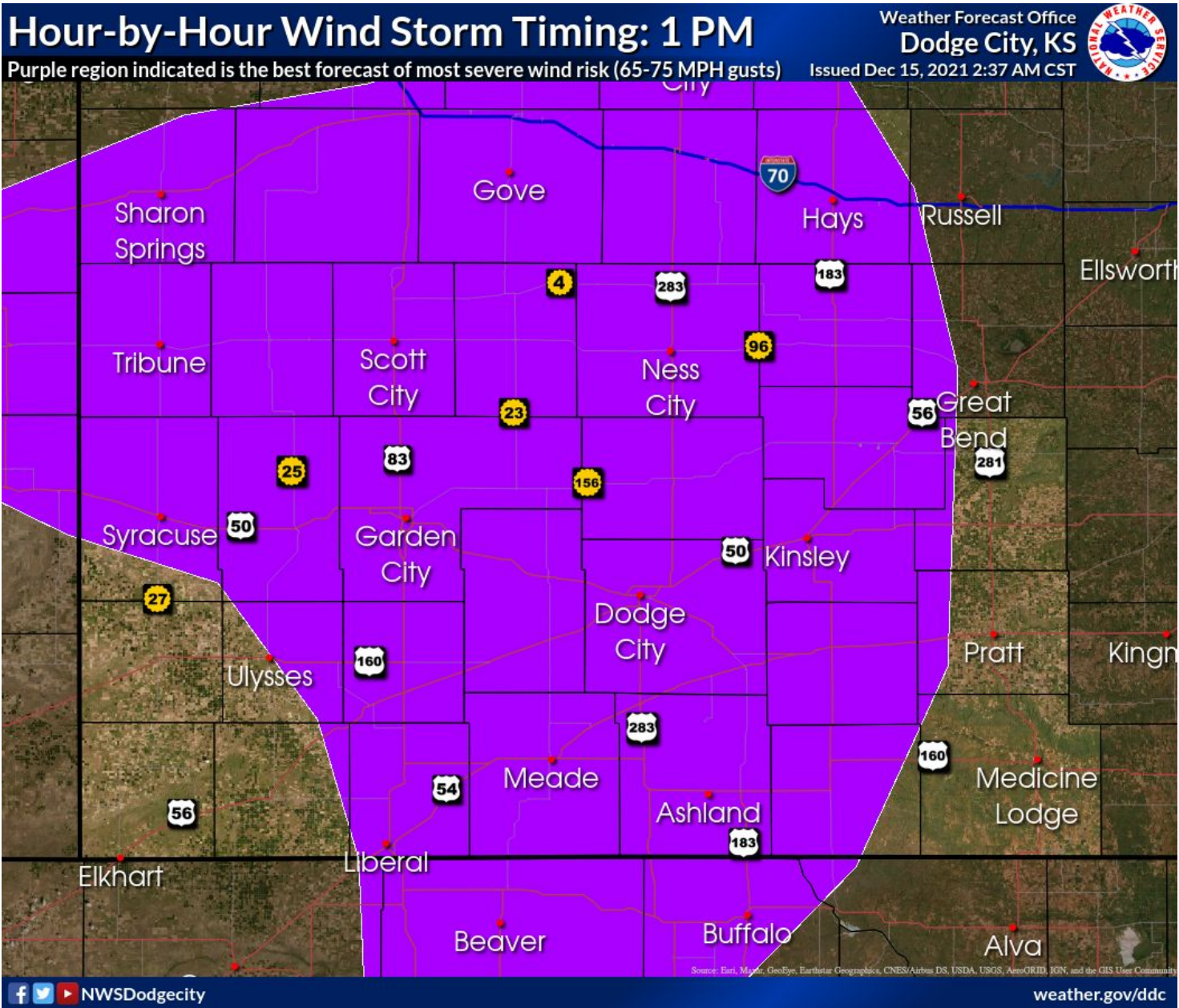
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Timing of Greatest Damaging Wind Risk

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Early Afternoon... 1 PM and 2 PM hour (CST)



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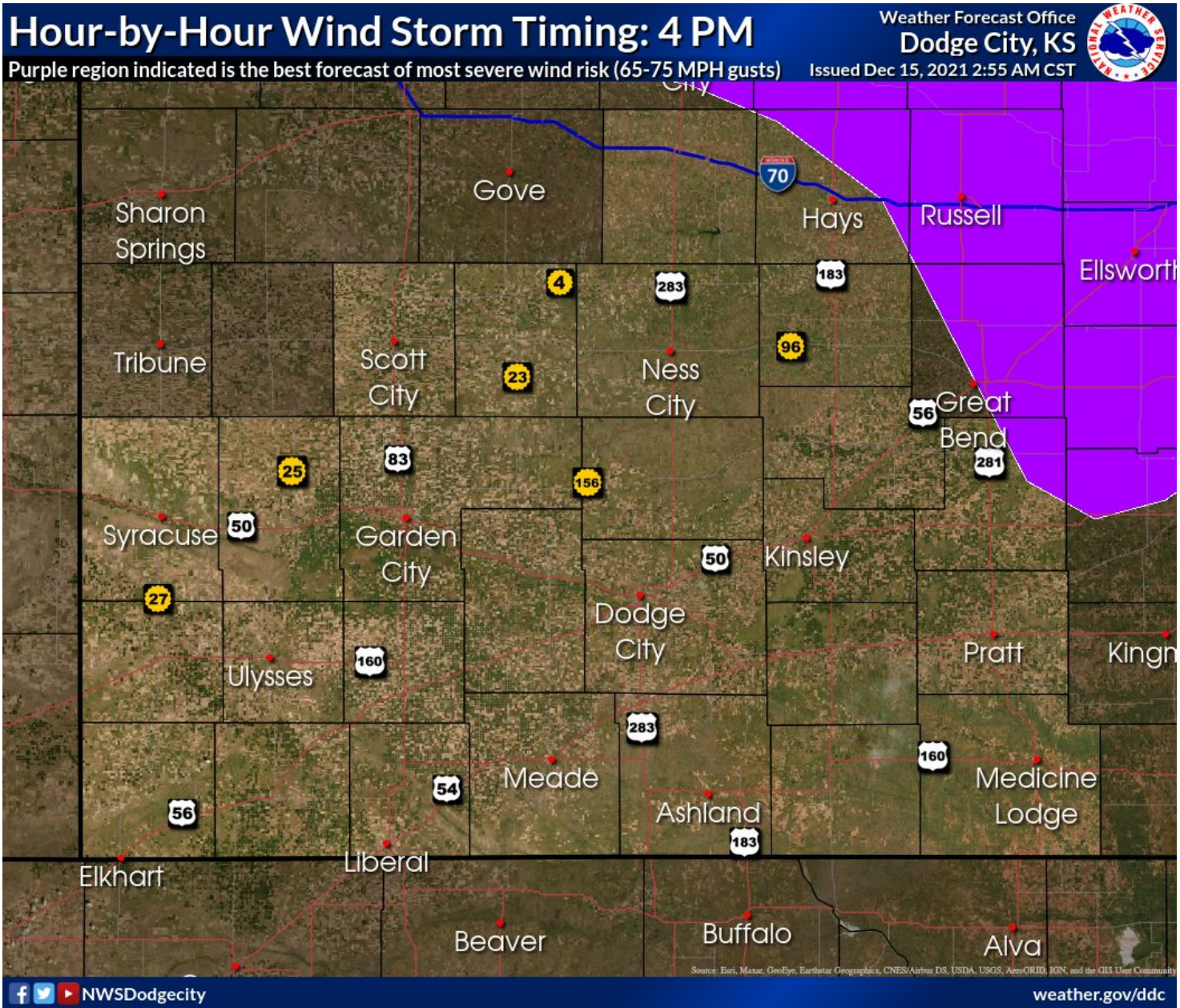
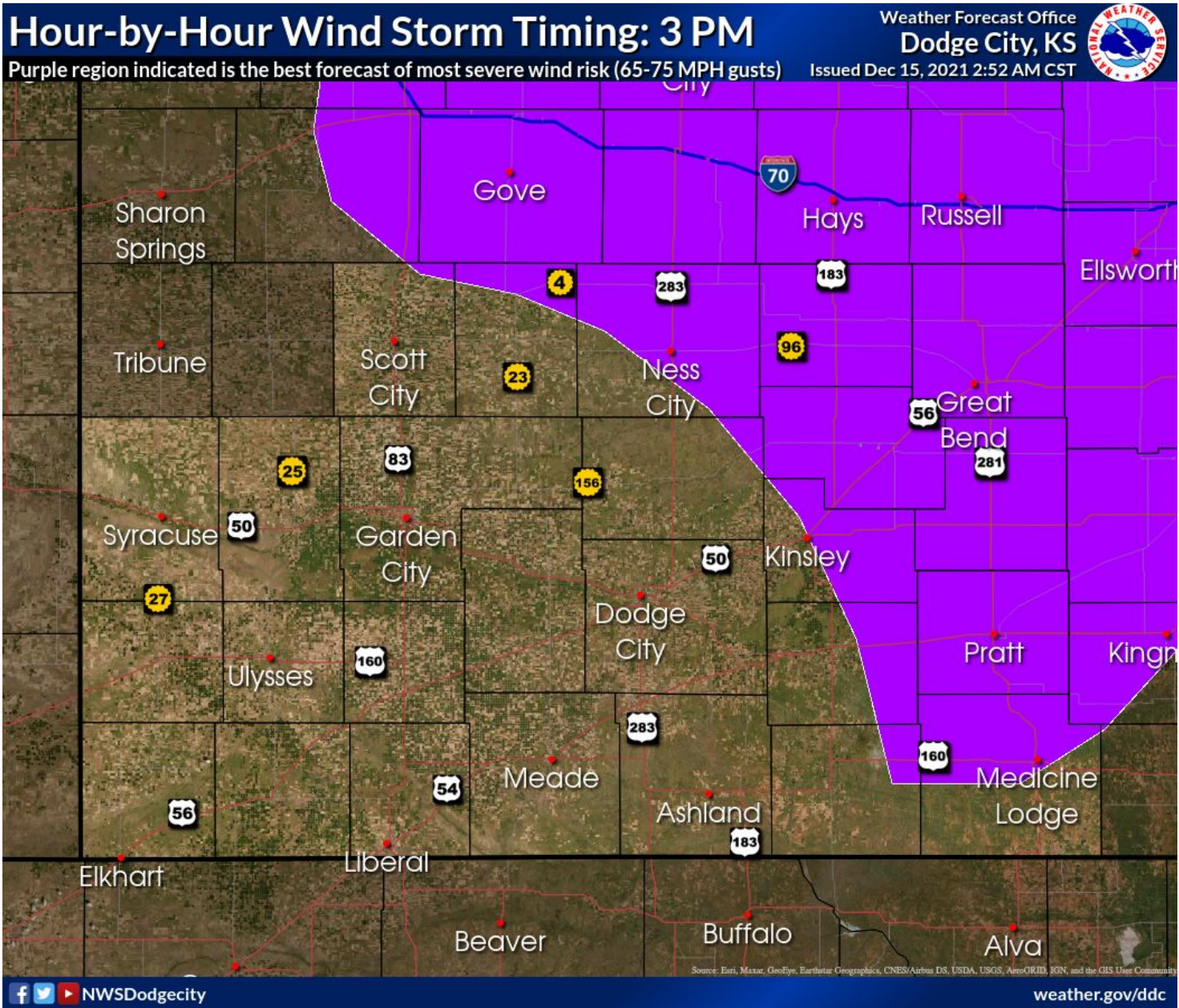
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Timing of Greatest Damaging Wind Risk

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Mid-Late Afternoon (event winding down)... 3 PM and 4 PM hour (CST)



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Extremely Critical Fire Weather!

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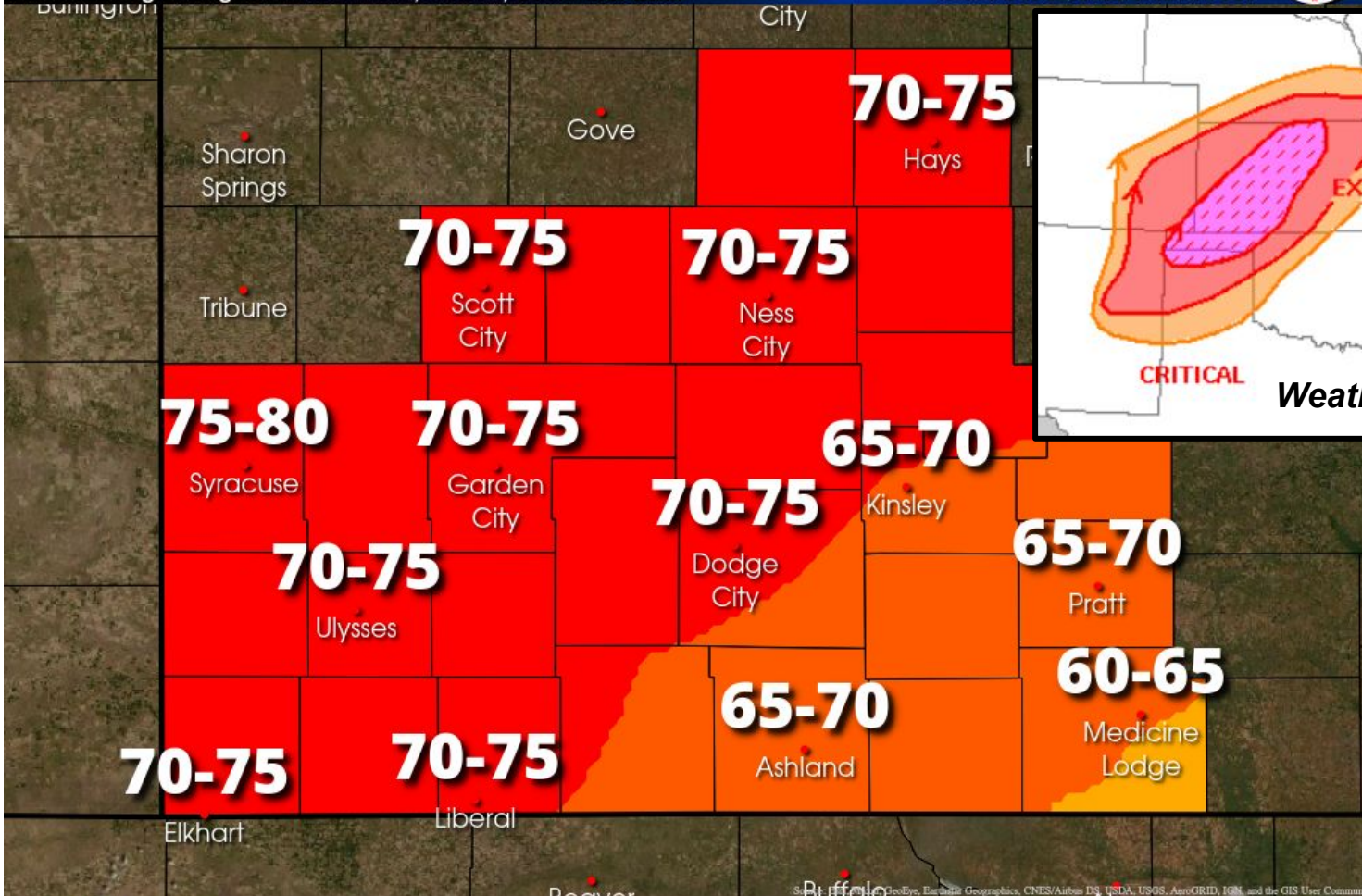
Relative Humidity will plummet to the teens as high winds hit during the afternoon.

Forecast Peak Wind Gust (mph)

Late Morning through Late Afternoon, TODAY, December 15th

Weather Forecast Office
Dodge City, KS

Issued Dec 15, 2021 3:12 AM CST

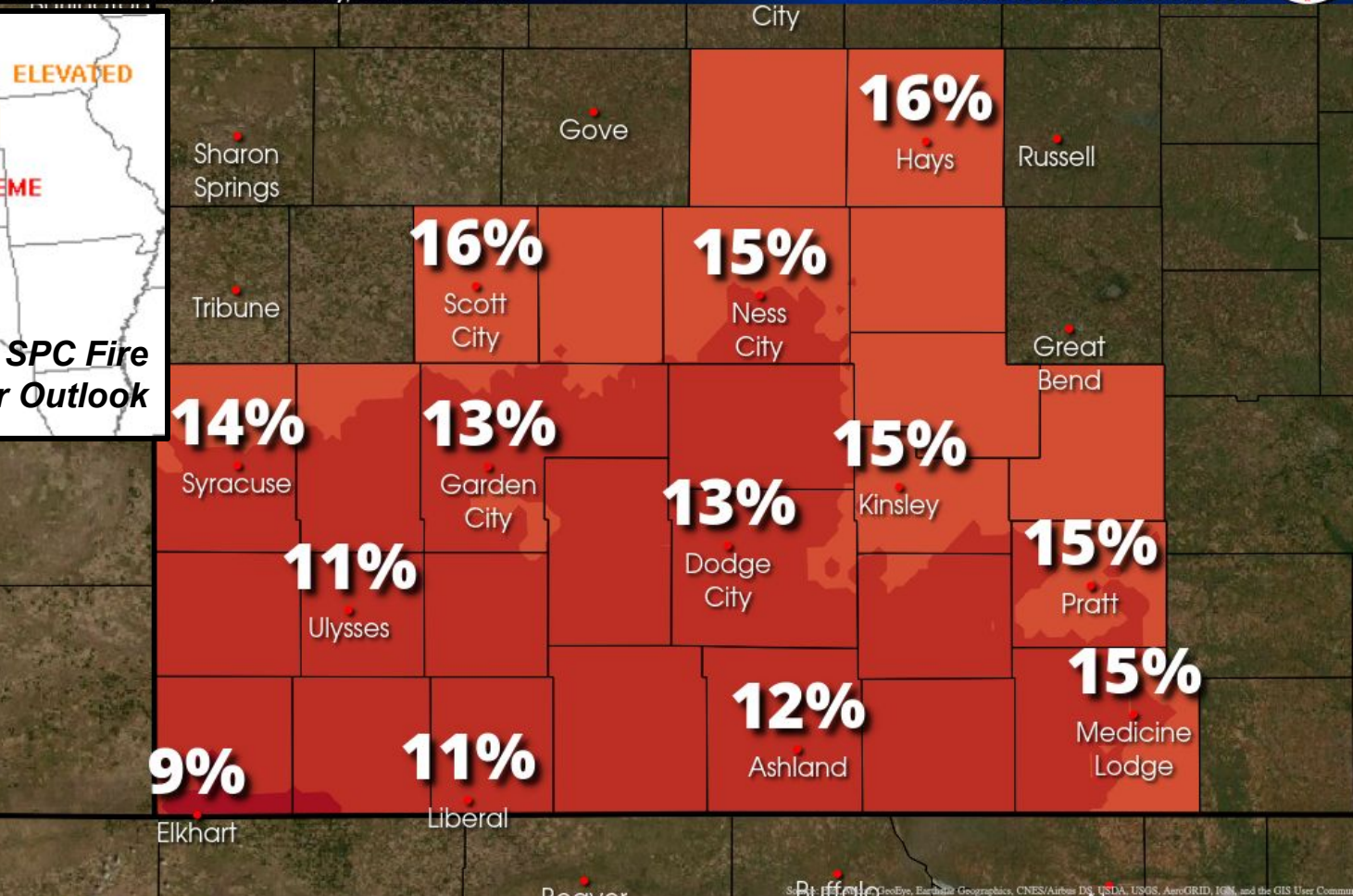


Forecast Minimum Relative Humidity

THIS AFTERNOON, Wednesday, December 15th

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Very dangerous, erratic, and likely uncontrollable wildfire behavior can occur in these extreme conditions, including spot fire development well downstream from an established fire perimeter.



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Power interruptions and outages can be expected when wind gusts frequently exceed 60 mph

Be Prepared for Power Outages

Strong winds can knock
out power

Check your emergency kit to
make sure it has everything
you need



weather.gov/wind



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Given the ongoing very dry conditions, BLOWING DUST will be an issue over open areas!



Widespread blowing dust can be expected over and in vicinity of agricultural fields when winds frequently gust over 60 mph. The magnitude of blowing dust may be fairly significant during the height of the wind storm Wednesday afternoon, particularly across far southwest and west central Kansas. ***Visibility may frequently be reduced to below one mile over open areas, making travel very difficult.***



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